

JORDAN RIVER BASIN

10154500 WEBER-PROVO DIVERSION CANAL NEAR WOODLAND, UT

LOCATION (REVISED).--Lat 40°36'50", long 111°18'15", in NE¹/₄SW¹/₄SE¹/₄ sec. 30, T. 2 S., R. 6 E., Summit County, Hydrologic Unit 16020101, on left bank 100 ft upstream from entrance to flume above Provo River valley, and 4.6 mi northwest of Woodland.

PERIOD OF RECORD.--October 1931 to July 1969, during period of diversion only, October 1988 to current year. Subsequent to September 1990 irrigation season only.

GAGE.--Water-stage recorder. Elevation of gage is 6,410 ft above sea level, from topographic map.

REMARKS.--Records fair, except for estimated daily discharges, which are poor. Canal diverts water from Weber River in NW¹/₄SW¹/₄SW¹/₄ sec. 21, T. 1 S., R. 6 E., and from Beaver Creek in SW¹/₄NE¹/₄SE¹/₄ sec. 17, T. 2 S., R. 6 E., to Provo River.

EXTREMES FOR PERIOD OF RECORD.--(Period of diversion only) Maximum daily discharge, 870 ft³/s June 4, 1957; no water diverted from Weber River or Beaver Creek for several months each year.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11	---	---	---	---	---	---	---	---	32	17	19
2	9.9	---	---	---	---	---	---	---	---	32	17	19
3	---	---	---	---	---	---	---	---	---	31	17	20
4	---	---	---	---	---	---	---	---	---	31	18	20
5	---	---	---	---	---	---	---	---	---	30	20	19
6	---	---	---	---	---	---	---	---	---	28	13	18
7	---	---	---	---	---	---	---	---	---	25	23	18
8	---	---	---	---	---	---	---	---	---	25	25	19
9	---	---	---	---	---	---	---	---	---	25	23	21
10	---	---	---	---	---	---	---	---	---	23	30	20
11	---	---	---	---	---	---	---	---	---	23	19	19
12	---	---	---	---	---	---	---	---	---	23	17	18
13	---	---	---	---	---	---	---	---	---	22	17	17
14	---	---	---	---	---	---	---	---	---	21	15	17
15	---	---	---	---	---	---	---	---	---	21	14	15
16	---	---	---	---	---	---	---	---	---	21	14	11
17	---	---	---	---	---	---	---	---	---	21	13	8.9
18	---	---	---	---	---	---	---	---	---	20	13	10
19	---	---	---	---	---	---	---	---	---	20	14	10
20	---	---	---	---	---	---	---	---	---	20	14	5.4
21	---	---	---	---	---	---	---	---	---	20	15	5.3
22	---	---	---	---	---	---	---	---	---	20	16	4.3
23	---	---	---	---	---	---	---	---	---	20	15	5.9
24	---	---	---	---	---	---	---	---	---	20	14	6.4
25	---	---	---	---	---	---	---	---	---	20	16	5.1
26	---	---	---	---	---	---	---	---	---	20	19	9.4
27	---	---	---	---	---	---	---	---	33	20	18	6.5
28	---	---	---	---	---	---	---	---	31	19	18	4.9
29	---	---	---	---	---	---	---	---	30	19	19	7.7
30	---	---	---	---	---	---	---	---	31	18	20	11
31	---	---	---	---	---	---	---	---	---	17	19	---
TOTAL	---	---	---	---	---	---	---	---	---	707	542	390.8
MEAN	---	---	---	---	---	---	---	---	---	22.8	17.5	13.0
MAX	---	---	---	---	---	---	---	---	---	32	30	21
MIN	---	---	---	---	---	---	---	---	---	17	13	4.3
AC-FT	---	---	---	---	---	---	---	---	---	1400	1080	775